

528924

Rec'd PCT/PTG 23 MAR 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 April 2004 (15.04.2004)

PCT

(10) International Publication Number
WO 2004/030668 A1

(51) International Patent Classification⁷: **A61K 31/4465**,
C07D 211/58, A61P 25/22, 25/24

(74) Agent: **LECHIEN, Monique**; UCB, S.A. - Intellectual
Property Department, Allée de la Recherche 60, B-1070
Brussels (BE).

(21) International Application Number:
PCT/EP2003/010824

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:
30 September 2003 (30.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02022191.7 4 October 2002 (04.10.2002) EP

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): **UCB, S.A.**
[BE/BE]; 60, allée de la Recherche, B-1070 Brussels (BE).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **LAMBERTY, Yves**
[BE/BE]; 10, rue de la Vallée, B-1440 Braine-le-Château
(BE). **GENICOT, Christophe** [BE/BE]; 15, rue Fossé des
Vaux, B-1490 Court-Saint-Etienne (BE).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: 4-AMINOPIPERIDINE DERIVATIVES, PROCESSES FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS

(57) Abstract: The present invention relates to 4-aminopiperidine derivatives, to processes for their preparation, to their use in therapy and to pharmaceutical compositions containing them. More particularly these compounds are useful for treatment of disorders of the central and/or peripheral nervous system. Of particular interest, is the potent antidepressant activity shown by these compounds.

WO 2004/030668 A1